



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

November 16, 2000

CERTIFIED RETURN RECEIPT
Z 228 354 998

Mr. Anthony Christopherson
Geneva Rock
1565 West 400 North
P.O. Box 538
Orem, Utah 84059

Re: Division Directive for Transitional Bond, Geneva Rock, Levan Gypsum Quarry, M/023/016, Juab County, Utah

Dear Mr. Christopherson:

On August 24, 2000, the Division received a new Notice of Intention to Commence Large Mining Operations from Geneva Rock for the existing Levan Gypsum small mine project. A cursory review of the latest large mining notice indicates that it does not provide sufficient technical detail for us to find the application complete at this time (see attached background, supplemental information).

As you know, this mining operation has exceeded the 5-acre threshold for a small mining operation. The Utah Mined Land Reclamation Act and Minerals Rules require that an approved large mine permit and reclamation bond be in effect *before* a small mining operation expands beyond five (5) acres of surface disturbance. This project has continued to operate as a large mine without appropriate reclamation bond or approval of a large mine permit.

Therefore, Geneva Rock is hereby directed to provide the Division with a \$56,000 reclamation surety (\$3,500/acre) to cover approximately 16 acres of mining-related disturbance at this site. This surety amount and a transitional Reclamation Contract must be received within 30-days of your receipt of this letter (forms enclosed). This transitional surety will allow operations to continue within the existing disturbed area footprint until the permit application is approved.

Upon final approval of your large mine permit application, the surety may have to be adjusted up or down to reflect the site specific costs of the approved reclamation plan. Please return the enclosed bond form and reclamation contract form in draft so we can determine completeness and accuracy before they are finalized. Let us know if there is another form of surety you wish to post so we can send you the appropriate form.

RECLAMATION SURETY ES

TE

(o:/data/bonding/min. b2)

Operator Name

last revision 08/02/2000

Mine Name

filename M000-000.WB2

page "estimate D9"

DOGM file number

County

Prepared by Utah State Division of Oil, Gas & Mining

-This estimate uses a D9 size dozer for most earthwork

Print block named "d9est" for the estimate page & "d9notes" for the notes page

Note: actual unit costs may vary according to site conditions last unit cost updat 2-Aug-2000

-Amount of disturbed area which will receive reclamation treatments = 0.0 acres

-Estimated total disturbed area for this mine = 0.0 acres

Activity	Quantity	Units	\$/unit	\$	Note
Safety gates, signs, etc. (mtls & installation)	0	sum	200	0	(1)
Demolition of buildings & facilities	0	CF	0.24	0	(2)
Debris & equipment removal - trucking	0	trips	50	0	(3)
Debris & equipment removal - dump fees	0	ton	55	0	(4)
Debris & equipment removal - loading trucks w/FE loader	0	hours	166	0	(5)
Demolition & debris removal - general labor	0	hours	15	0	(6)
Regrading facilities areas	0.0	acre	364	0	(7)
Regrading waste dump slopes	0	CY	0.36	0	(8)
Ripping waste dump tops	0.0	acre	271	0	(9)
Ripping stockpile & compacted areas	0.0	acre	271	0	(9)
Ripping pit floors	0.0	acre	271	0	(9)
Ripping pit access roads	0.0	acre	271	0	(9)
Creating safety berms or barriers around highwalls	0	LF	0.12	0	(10)
Ripping access roads - dozer	0.0	acre	271	0	(9)
Regrading access roads - dozer	0.0	acre	364	0	(7)
Sidecast mtl replacement on steep roads- trackhoe	0	LF	1.09	0	(11)
Surface drainage restoration or construction	0	LF	0.12	0	(10)
Topsoil replacement - dozer	0	CY	0.36	0	(12)
Topsoil replacement - scraper	0	CY	1.15	0	(13)
Topsoil replacement - truck & FE loader	0	CY	2.60	0	(14)
Mulching (2 ton/acre alfalfa)	0.0	acre	160	0	(00)
Fertilizing (100 lb/acre diammonium phosphate)	0.0	acre	90	0	(00)
Composted manure	0.0	acre	300	0	(00)
Broadcast seeding (~20 lb/acre)	0.0	acre	170	0	(00)
Drill seeding (~13 lb/acre)	0.0	acre	150	0	(00)
Hydroseeding	0.0	acre	800	0	(00)
General site cleanup & trash removal	0.0	acre	50	0	(00)
Equipment mobilization	0	equip	1000	0	(00)
Reclamation Supervision	0	days	386	0	(15)
		Subtotal		0	
10% Contingency				0	
		Subtotal		\$0	
Escalate for 5 years at 3.13% per yr				0	
		Total		\$0	
Rounded surety amount in yr 2005-\$				\$0	
Average cost per disturbed acre =				ERR	

RECLAMATION SURETY ESTIMATE

(o:/data/bonding/mine-bnd.wb2)

Operator Name

last revision

08/02/2000

Mine Name

filename M000-000.WB2

page "estimate D9"

DOGM file number

County

Prepared by Utah State Division of Oil, Gas & Mining

Note

- (1) DOGM lump sum assumed
- (1) DOGM lump sum assumed
- (2) Means Heavy Construction Cost Data 2000, 02220-100-0100, mix of bldg. types, avg., excluding dump fees
- (3) Means 2000, 02225-730-5100, bldg demo, rubbish handling, \$0.50/CY permile for >8CY truck; assumed 100 mile
- (4) Means 2000, 02225-740-0100, dump charges, typical urban city, tipping fees only, bldg construction mtl's
- (5) Rental Rate Blue Book 3Q/00, Cat 988B, 7CY \$85.64hr+\$39.60/hr, & Means 2000, Crew B-10U, loading trucks o
- (6) DOGM assumed wage for unskilled general labor
- (7) Means 2000 & Blue Book 3Q/00: Cat D9N, U, mtl 2550 lb/CY, 50 ft push, 1 ft depth
- (8) Means 2000 & Blue Book 3Q/00: Cat D9N, U, mtl 2550 lb/CY, 100 ft push
- (9) Means 2000 & Blue Book 3Q/00: Cat D9N, U, multi shank rippers, speed 1.0 mph
- (9) Means 2000 & Blue Book 3Q/00: Cat D9N, U, multi shank rippers, speed 1.0 mph
- (9) Means 2000 & Blue Book 3Q/00: Cat D9N, U, multi shank rippers, speed 1.0 mph
- (9) Means 2000 & Blue Book 3Q/00: Cat D9N, U, multi shank rippers, speed 1.0 mph
- (10) Means 2000 & Blue Book 3Q/00: Cat D9N, U, mtl 2550 lb/CY, 50 ft push, avg vol 0.5CY/LF-berm assumed
- (9) Means 2000 & Blue Book 3Q/00: Cat D9N, U, multi shank rippers, speed 1.0 mph
- (7) Means 2000 & Blue Book 3Q/00: Cat D9N, U, mtl 2550 lb/CY, 50 ft push, 1 ft depth
- (11) Contractor's actual costs, 1991 at E/053/012 escalated to 2000-\$, Cat 225 Excavator, 20 ft wide road
- (10) Means 2000 & Blue Book 3Q/00: Cat D9N, U, mtl 2550 lb/CY, 50 ft push, avg vol 0.5CY/LF-berm assumed
- (12) Means 2000 & Blue Book 3Q/00: Cat D9N, U, mtl 2550 lb/CY, 100 ft push
- (13) Means 2000 & Blue Book 3Q/00: Cat 627F P-P, mtl 2550 lb/CY, 2,000 ft haul one-way, grade +/- 4%,
- (14) Means 2000 02320-200-2030: earthwork, hauling excavated or borrow material, off highway hauler, 22 CY, 1 mile
- (00) DOGM general estimate - mulching
- (00) DOGM general estimate - fertilizing
- (00) DOGM general estimate - manure \$16/ton delivered, \$14 ton/acre spreading
- (00) DOGM general estimate - broadcast seeding
- (00) DOGM general estimate - drill seeding
- (00) DOGM general estimate - hydroseeding
- (00) DOGM general estimate - site cleanup & trash removal
- (00) DOGM general estimate - equipment mobilization
- (15) Means 2000, 01300-700-0180, project manager, minimum \$1,930/wk